## <u>Deck-Building Based Kingdom Sim</u>

- Modular structure
- Flexible tile-building system, featuring:
  - 12+ effect types
  - Contextual and conditional effect execution
  - Effects triggered by stage events
- Challenges and time modifiers
- Resource, influence, and balance systems

One thing I'm proud of is that I managed to create a visually appealing product (though not yet finished) using Midjourney, a UI asset pack\*, and a handful of stock icons.

<sup>\*</sup> https://www.gamedevmarket.net/asset/rpg-and-mmo-ui-5-9913





Stan królestwa: 66 💀



Ekspansja (\*)

**4** - 40%





Wyzwania

Poszukiwanie leku (0/12) | X 6



101



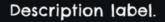
## Decyzja 1/1 - Rozwój królestwa













## Przydrożna kapliczka

Szansa na +1 Wiedza: +10% za każdy sąsiadujący wieśniak lub podróżny.

No translation found for 'CATEGORY\_POINTS\_CHANGE\_CH



Zarządca wioski

Szansa na +1 Rozwój lub Obrona -+25% za każdy kafelek na planszy, który jest prosty i infrastruktura lub Wioska

wieśniak



#### Tawerna

Szansa na Wojownik - 20%, -5% za każdy kafelek na planszy, który jest bohater Szansa na +3 złoto za każdy kafelek na planszy, który jest

budynek

warsztat







## Gameplay of the game can be viewed at the following address:

https://drive.google.com/file/d/1wMFbjI8r3OGGL0QsehK8K7VBPDnf6eli/view

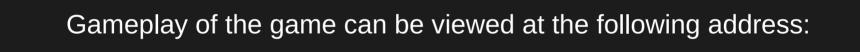
Due to the absence of commentary, the pace of the gameplay (or rather, the walkthrough of the implemented mechanics) might feel a bit slow. I wanted to showcase all the mechanics I've implemented, but to avoid confusion, I opted for a slower approach - perhaps a bit too slow for some viewers. :)

# Base Building, Crafting Game

- Energy mechanics energy required to perform tasks and being depleted in the process
- Processing mechanics manual and automatic (self-resolving) nodes
- Containers mechanics chests, equipment, moving items between them
- Crafting mechanics (workstations, processing, resources draining and generation points)
- Cultivation mechanics (including process modifications via applied fertilizers)
- Points of interest mechanics (framework for building interactions between player entity and interactable scene points / items)



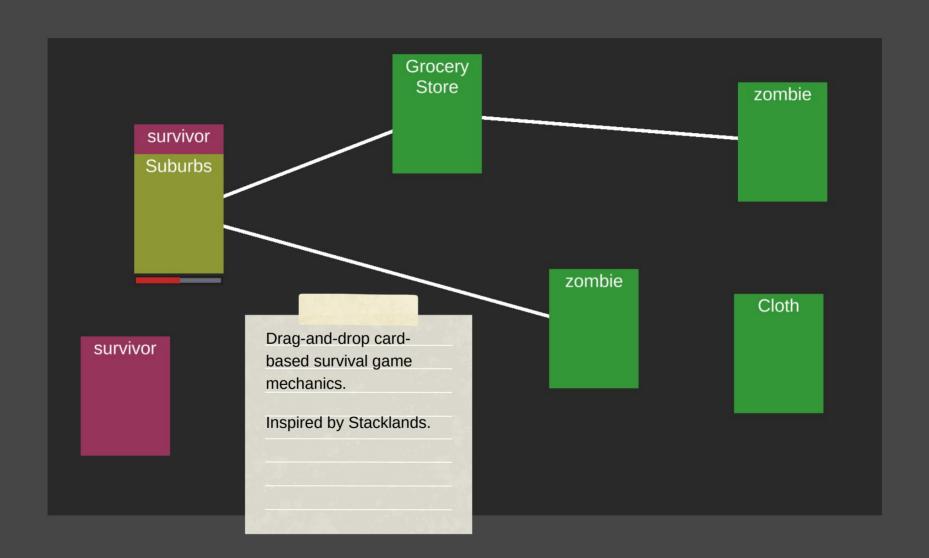




https://drive.google.com/file/d/1MEMTHwj70RLYjBpWcOOOdToL89owvAy4/view?usp=sharing

# **Other Projects**

Primarily smaller projects or implementations of specific features that piqued my interest.

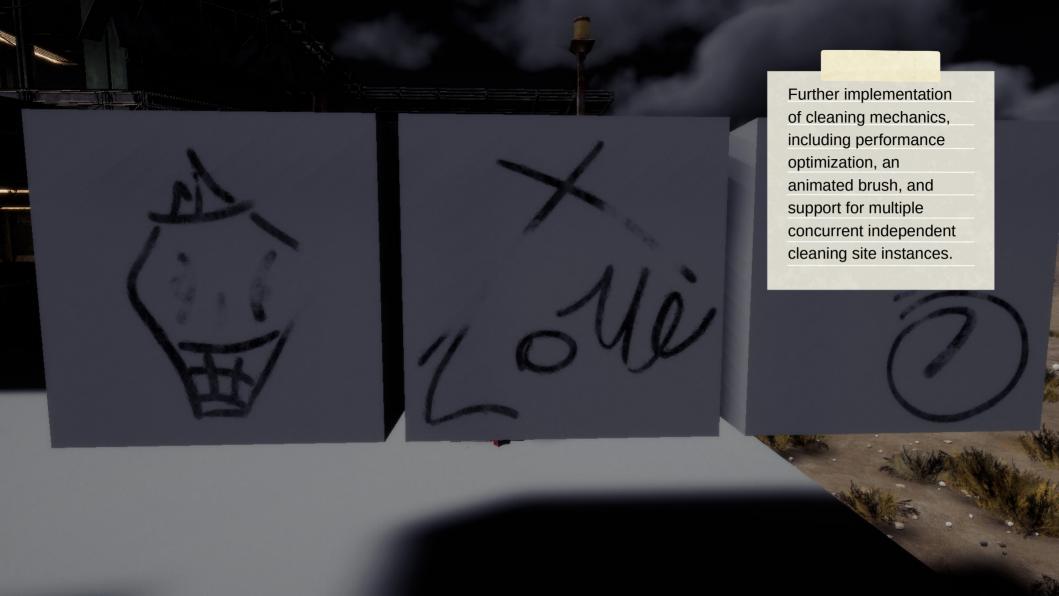






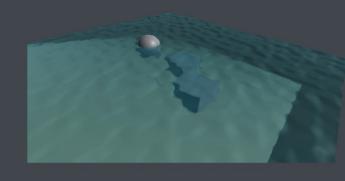
### Powerwash Mechanics

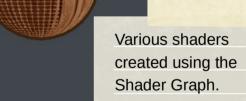
Utilizing custom
materials created via
Shader Graph and
simple particle effect.

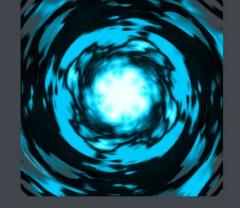












KA\_Idle01\_breathing\_Pose\_

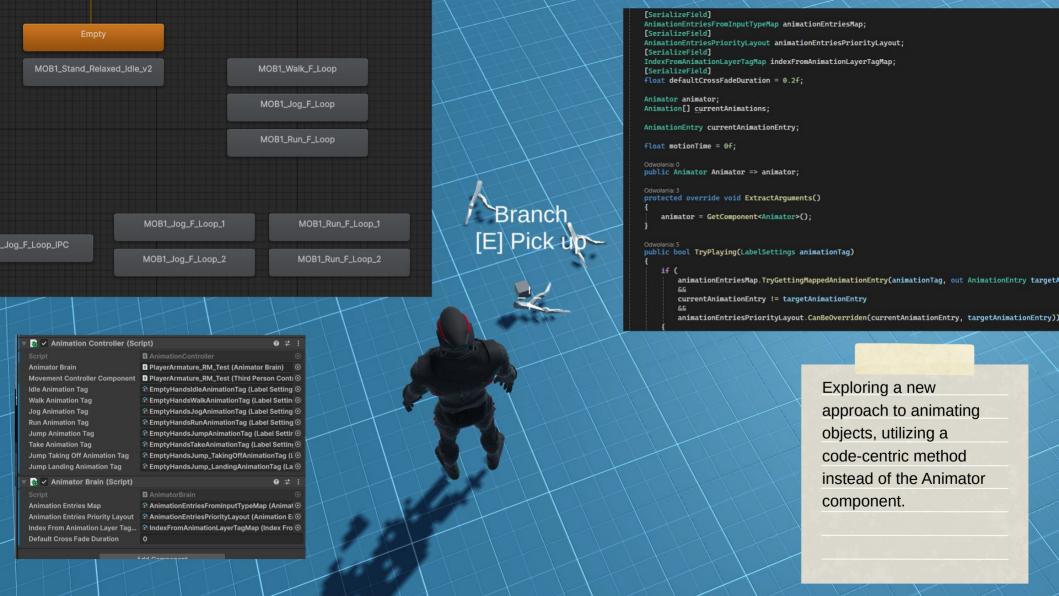
KA\_Idle05\_Stretch\_Pose\_1

combat\_BareHands\_Combo\_Pose\_

\_Combat\_BareHands\_Combo1



Color picker and maskbased texture segment coloring mechanics.



### Created as a sample code project.



Implementation of a simple framework for a tablet-based UI system (commonly used in VR applications). The repository is available for browsing at

https://bitbucket.org/meic\_sa mple\_projects/datapad\_sam ple/src/main/